SONY

Table of Contents

IMPORTANT SAFETY INSTRUCTIONS . . 2

Precautions 4

What You Get with Your Phone 5

Looking at Your Phone 6

Setting up the Base Unit 8

Selecting the DIAL MODE (pulse or tone) . . 10

Charging the Battery Pack in the Handset . . 11

Setting the Digital Security Code 13

Making Calls 14

Receiving Calls 15

Redialing a Number 16

Using Call Waiting (FLASH feature) 17

Putting a Call on Mute 17

Changing Channels for Better Reception 17

Using Your Long-distance Service 18

Paging 19

Memory Dialing 20

Mounting Your Phone on the Wall 23

Specifications 24

Safety Regulations 25

If You Have a Problem 26

Cordless Telephone

Operating Instructions

SPP-75

Before you start using your telephone: Set up your base unit (see page 8).

Set the DIAL MODE selector to match your phone service (see page 10).

Install the battery pack into your handset and charge the battery pack (see page 11).

Owner's record

The model and serial numbers are located at the bottom of the base unit and the handset. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding the product.

Model No. SPP-75 Serial No._____

Warning

To prevent fire or shock hazard, do not expose the set to rain or moisture.
To avoid electrical shock, do not open the cabinet.
Refer servicing to qualified personnel only.

IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners of aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation. To protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.

7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.

8. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be abused by persons walking on it.

9. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.

10. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.

11. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified service personnel when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.

12. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
    A. When the power supply cord or plug is damaged or frayed.
    B. If liquid has been spilled into the product.
    C. If the product has been exposed to rain or water.
    D. If the product does not operate normally by following the operating instructions. Adjust only those controls, that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
    E. If the product has been dropped or the cabinet has been damaged.
    F. If the product exhibits a distinct change in performance.

13. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.

14. Do not use the telephone to report a gas leak in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

CAUTION: TO REDUCE THE RISK OF FIRE OR INJURY TO PERSONS BY BATTERY, READ AND FOLLOW THESE INSTRUCTIONS.

1. Use only the following type and size battery pack: SONY BP-T40.
2. Do not dispose of the battery pack in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
3. Do not open or mutilate the battery pack. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling battery in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.
5. Charge the battery pack provided with or identified for use with this product only in accordance with the instructions and limitations specified in the instruction manual provided for this product.
6. Observe proper polarity orientation between the battery pack and battery charger.

Warning

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

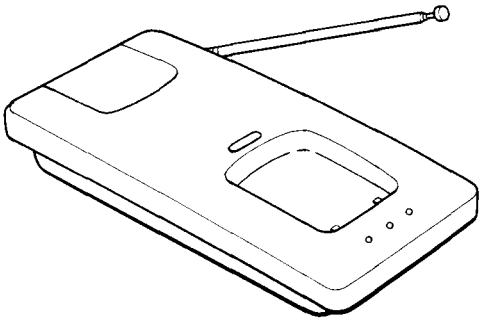
Precautions

- Before initial use, insert the rechargeable battery into the battery compartment of the handset and charge it for more than 10 hours.
- Operate the AC power adaptor on 120 V AC, 60 Hz.
- Use the AC power adaptor supplied for this unit. Do not use any other AC power adaptor.
- Do not install the base unit in a location near a heat source such as radiators or airducts, or in a place subject to direct sunlight, excessive dust, moisture, rain, mechanical vibration, or shock.
- Do not place the base unit on or near a TV set or a personal computer to avoid interference.
- Should any liquid or solid object fall onto the base unit, unplug the unit and have it checked by qualified personnel before operating the phone any further.
- This telephone is designed and approved for single party lines only. It should not be connected to multiple lines or a coin telephone.

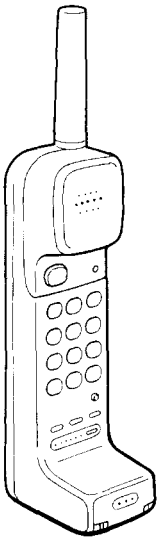
If you have any question or problem concerning your telephone that is not covered in this manual, please consult the nearest Sony Service Center authorized to service telephone terminal equipment.

What You Get with Your Phone

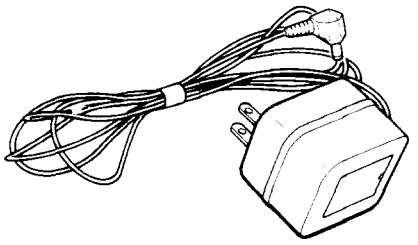
Base unit



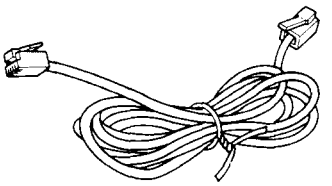
Handset



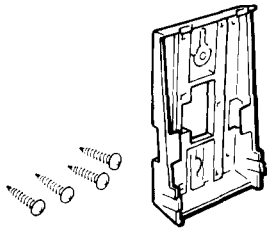
AC power adaptor (AC-T37)



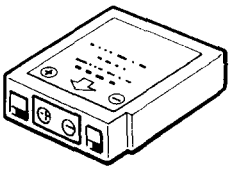
Telephone line cord



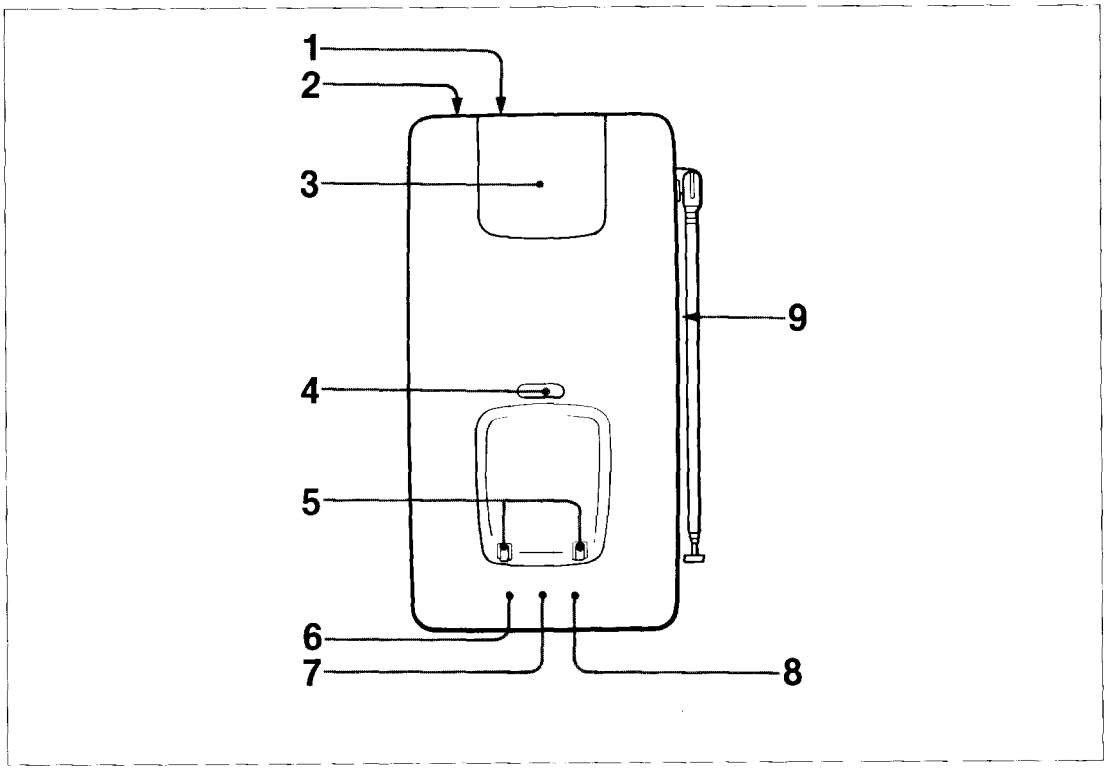
Wall bracket and screws



Rechargeable battery pack (BP-T40)



Base unit



1 DC IN 9V jack

2 TEL (telephone) LINE jack

3 Handset hanger hook (inside of cover)

4 PAGE button
Allows you to call the handset.

5 Charge terminals

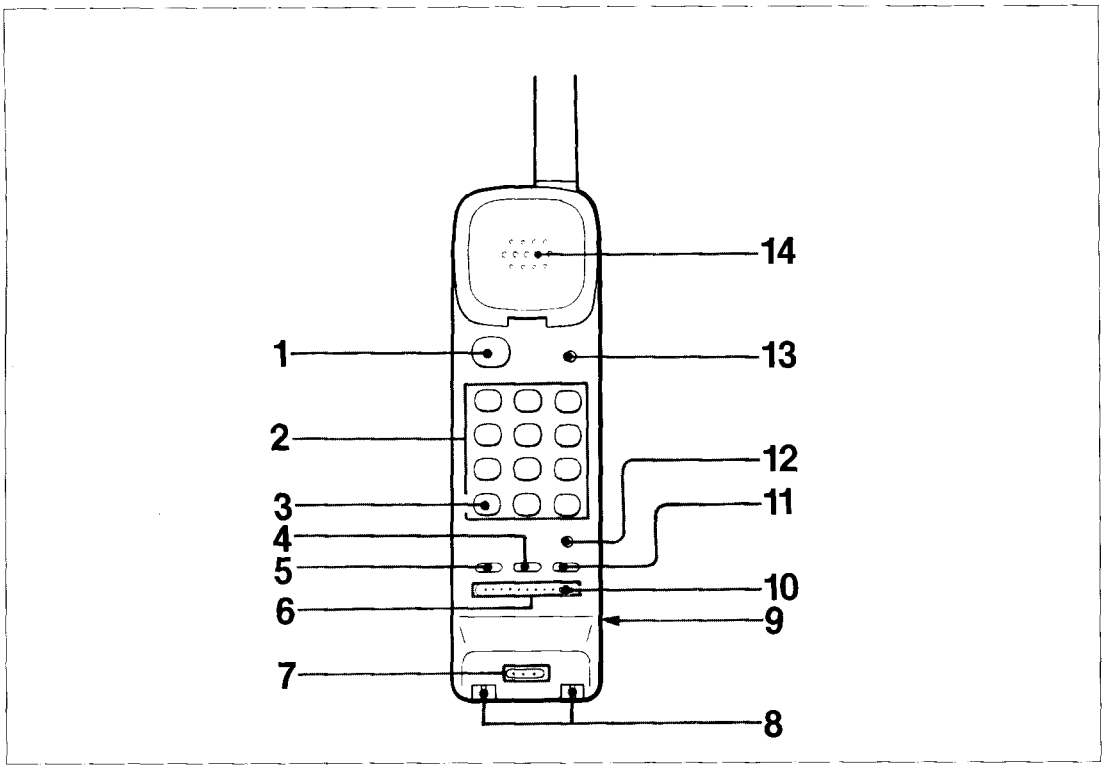
6 POWER lamp
Lights up when power is supplied to the base unit.

7 LINE lamp
Lights up when the telephone line is engaged.

8 CHARGE lamp
Lights up when the battery is being charged.

9 DIAL MODE selector
Selects pulse or tone dialing.

Handset



1 TALK button
Allows you to answer a call and access the dial tone to make a call and disconnect the line when a call is finished.

2 Dialing keys

3 TONE button
Temporarily switches the dialing mode from pulse to tone.

4 MUTE button
Mutes your voice for privacy. You can hear the other party but the other party cannot hear you.

5 VOL (volume)/PGM (program) button
Selects the volume level of the handset/ Stores the phone numbers in one-touch dialing and speed dialing memory.

6 Multi-indicator lamps
Indicate selected channel and phone number. Also indicate battery strength.

7 Microphone

8 Charge terminals

9 Mode switch
Selects RING ON mode or BATTERY SAVE mode. The handset will not ring on an incoming call when setting to the BATTERY SAVE mode.

10 CHANNEL button
Allows you to change channels when interference occurs.

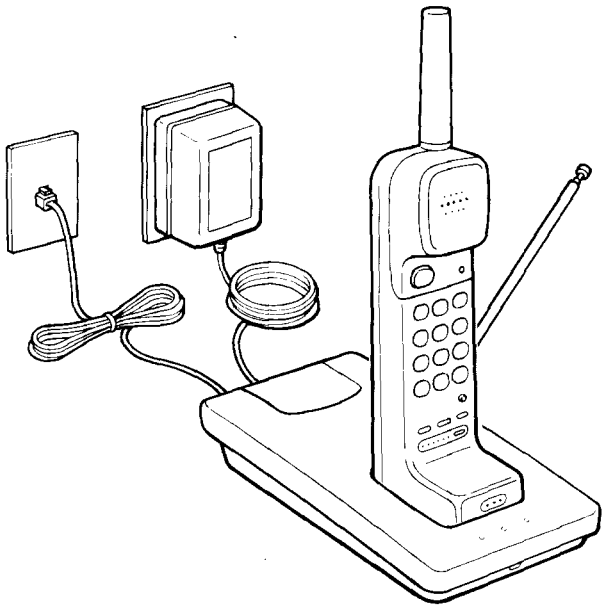
11 REDIAL/PAUSE button
Redials the last number called/Inserts a pause in the dialing sequence.

12 RECALL button
Automatically dials the numbers programmed.

13 FLASH button
Accesses call waiting (or gives you a new dial tone).

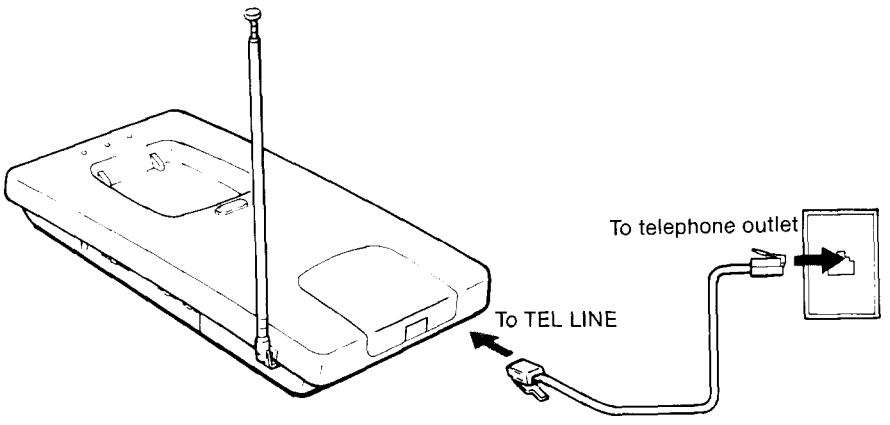
14 Speaker

Complete set-up
Clean the charge terminals with a soft cloth about once a month, otherwise, the handset may not be fully charged.

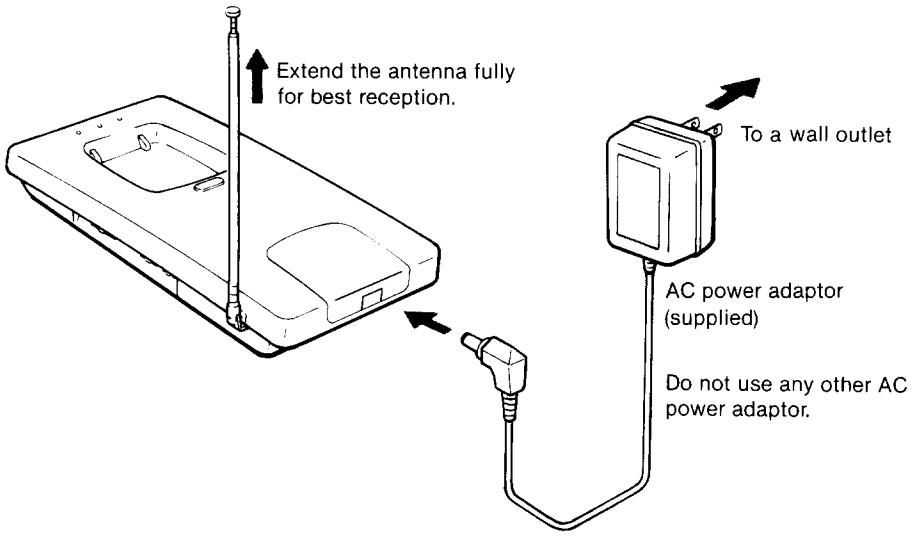


Telephone Line Connection

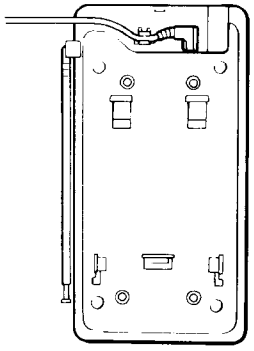
If your telephone jack is not a modular type, please contact your telephone company for assistance.



Power Connection


Extend the antenna fully for best reception.
To a wall outlet
AC power adaptor (supplied)
Do not use any other AC power adaptor.

Route the AC power adaptor's cord through the groove on the bottom of the base unit to avoid accidental disconnection.



Notes

- Connect the AC power adaptor to continuous power supply. If the telephone is connected to a wall outlet where power is cut off every night, the battery pack will not be charged, the digital security code and all programmed numbers will be lost from memory.
- If the digital security code memory is lost, charge the handset battery on the base unit with the handset in the RING ON mode (see page 13).

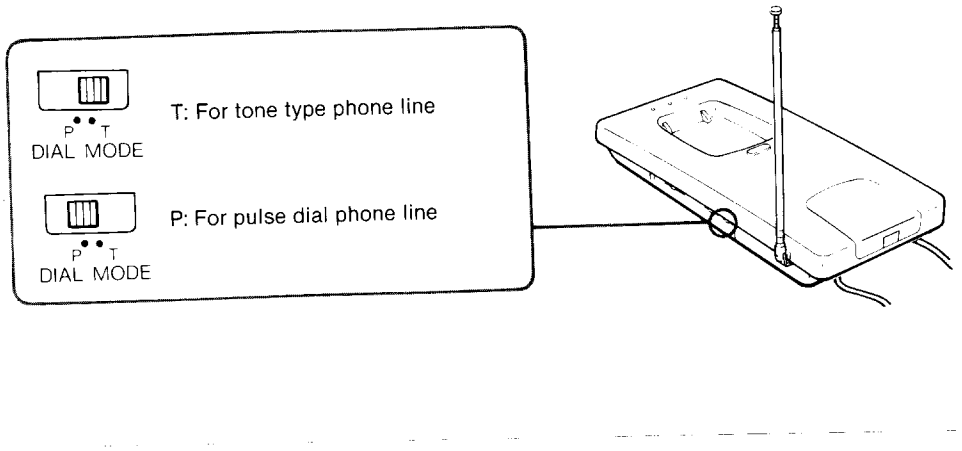
Selecting the DIAL MODE (pulse or tone)

If you do not know which setting is correct for your telephone line, check as follows.
The unit is preset to T (tone).

1 Make sure the DIAL MODE selector located on the side of the base unit is set to T (tone).

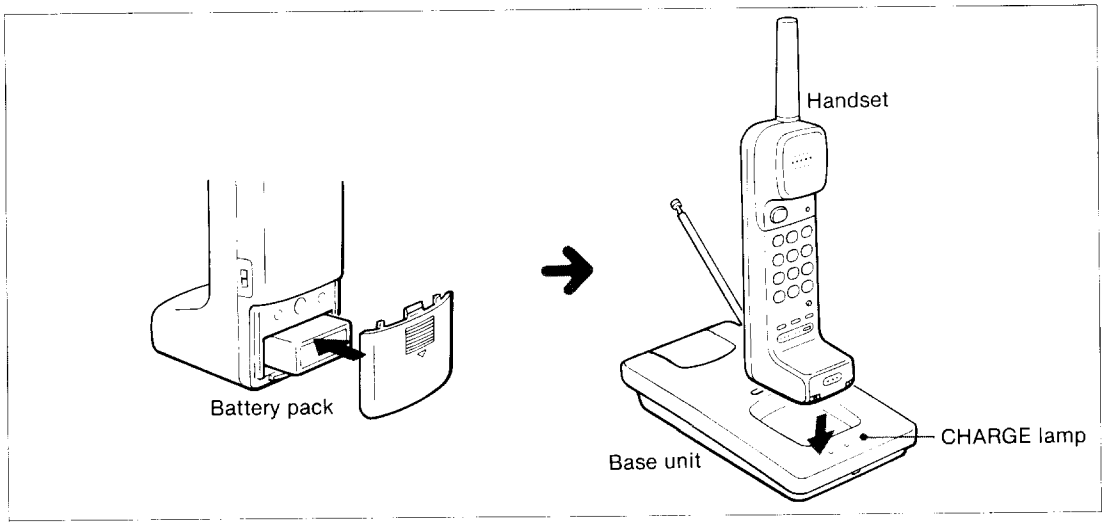
2 Make a trial call.

3 If the call is connected, leave the selector at T (tone).
Otherwise, set the selector to P (pulse).



Charging the Battery Pack in the Handset

Before initial use, charge the supplied battery pack for more than 10 hours.



Notes

- The battery pack supplied uses a lead acid battery, and therefore you do not have to worry about the "memory effect" which repeated partial discharge and recharge of nickel-cadmium batteries can produce. It is recommended that you charge the battery pack as often as possible.
- If the battery pack has been completely discharged, you will not be able to recharge it back to its full capacity by a single charge.
- The battery pack will gradually discharge by itself over a long period of time even if you do not use it.

To Charge the Battery Pack

1. Remove the battery compartment lid by pushing it downward.
2. Insert the battery pack into the battery compartment.
3. Replace the battery compartment lid by pushing it upward.
4. Place the handset on the base unit and charge the battery pack for more than 10 hours. The CHARGE lamp lights up when the handset is fully seated onto the charge terminals of the base unit.

When to Charge the Battery

Recharge periodically

As long as the handset is placed back on the base unit after each call, the battery will be recharged continuously.

The lead-acid battery used in this set works best when recharged often. Leaving the battery discharged for an extended period of time can damage it. Please take the following precautions:

- In the RING ON mode, charge the battery for 10 hours every 7 days, or whenever you hear the low battery alarm.
- In the BATTERY SAVE mode, charge the battery for at least 10 hours every month, or whenever you hear the low battery alarm.

Battery duration

The battery duration is approximately 170 hours (7 days) in the standby mode.

If talking continuously on the handset, the duration is approximately 12 hours.

Battery condition

When (TALK) of the handset is pressed, the multi-indicator lamps will light up and show the battery condition.

Battery has full power	0000000000
Battery has some power left (It is about time for recharging)	00000
Battery needs recharging (Charge the battery pack for 10 hours)	00
Battery is out of power	

0: indicator lamps which light up

If the handset battery becomes weak

- A beep tone will be heard every 3 seconds during conversation and the call will be disconnected after one minute.
- A beep tone will be heard every 3 seconds for 15 seconds during programming, etc. (not during conversation).
- Two of the multi-indicator lamps at far left will start to flash at the same time when the beep tone is heard.

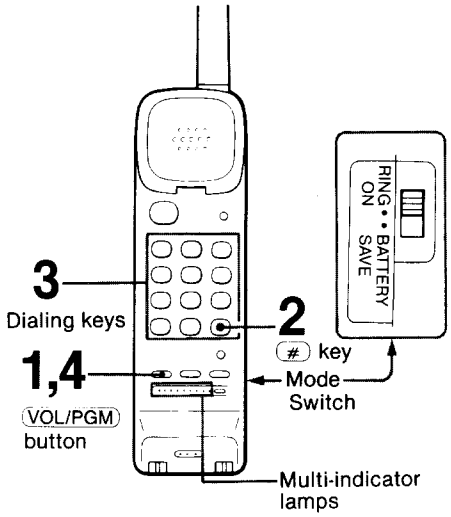
How to Determine Battery Damage

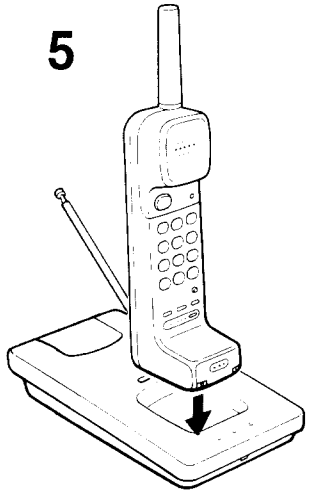
Damaged batteries will not take a charge. To determine whether your battery is damaged, put the handset on the base unit for over 10 hours. Then press (TALK) to see how many multi-indicator lamps light up. If only a few or none of the lamps light, your battery is damaged. See your retailer or contact a Sony Service Center for a replacement of battery.

Notes

- If the battery becomes completely discharged, the digital security code will be erased and all programmed numbers will be lost from memory. To reprogram, first recharge the battery. Set the handset to the RING ON mode and place the handset on the base unit for more than 10 hours. You need to charge a fully discharged battery a number of times before it is recharged to its full capacity.
- When leaving the handset unused and away from the base unit for more than a month, take the battery out of the handset. In this case, the digital security code and other programmed numbers will be erased. To resume use, recharge the battery and reprogram the security code and other numbers.

Setting the Digital Security Code





The Digital Security Code is automatically set when you initially charge the battery pack.

If you wish to change the setting, pick up the handset from the base unit and set as follows.

(This procedure will change the code in both the base unit and the handset. The code can be changed as often as desired.)

Make sure that the mode switch is set to the RING ON position.

1 Press (VOL/PGM).
One of the multi-indicator lamps flashes.

2 Press (#).
You will hear a confirmation beep and the multi-indicator lamp will go off.

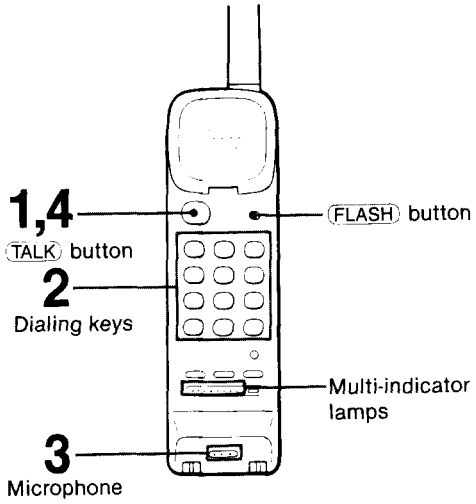
3 Press any 3 digit number between 001 to 299 by using the dialing keys.
The corresponding multi-indicator lamp lights up one by one.

4 Press (VOL/PGM) again.
You will hear a long confirmation beep.

5 Immediately place the handset on the base unit to complete the code change.
You will hear a long confirmation beep.

Notes

- A prolonged power failure will erase the digital security code. To reprogram, place the handset on the base unit with the handset in the RING ON mode.
- Five short error beeps give warning if you press any number other than 001 to 299 (such as 300). In this case, start from the beginning.



Pick up the handset from the base unit.

1 Press TALK.
The multi-indicator lamps scan. Wait until the lamps stop scanning. Confirm the dial tone.

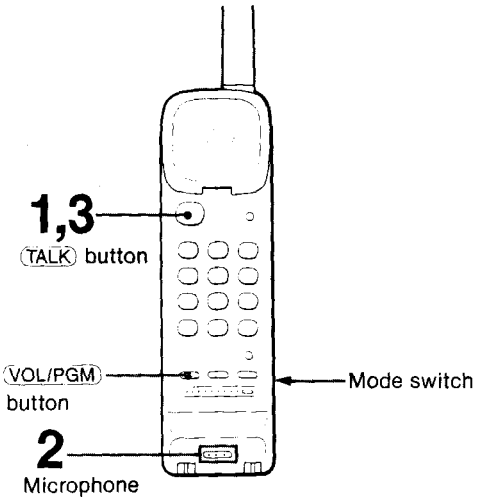
2 Dial the number.
The lamps of the digits dialed will light up.

3 Talk when your party answers.

4 When you have finished, press TALK again or replace the handset on the base unit to disconnect. To make another call, press FLASH and dial again.

Notes

- If reception is poor **when you press** TALK, five short error beeps will sound. In this case, bring the handset closer to the base unit to improve reception.
- If reception becomes poor **during conversation**, an out-of-range alarm will sound every second. In this case, bring the handset closer to the base unit, otherwise, the call will be disconnected after 15 seconds.
- If it is noisy on the handset, an alarm may not be heard.



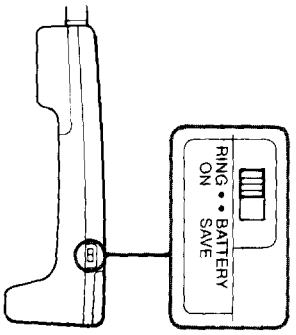
1 When you hear the ring, press TALK.

2 Speak into the microphone.

3 When you have finished, press TALK again or replace the handset on the base unit to disconnect.

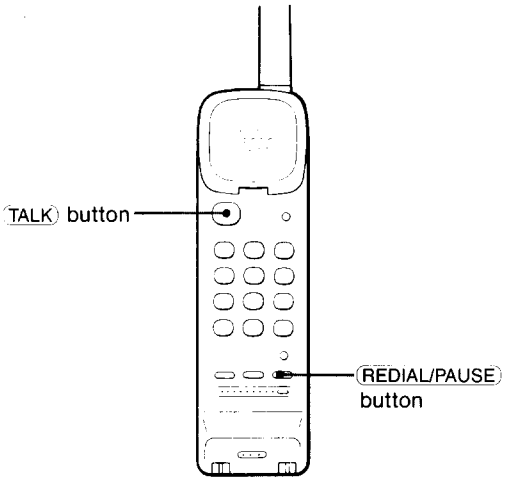
To adjust the volume level of the handset
Adjust the volume through the handset during conversation. High or low volume can be selected by pressing VOL/PGM successively.

To select the ringer mode
Use the mode switch.
RING ON: Normal standby mode. The handset will ring on an incoming call.
BATTERY SAVE: The handset does not ring on an incoming call, which prolongs the battery duration. You can still make calls and receive calls.



THE HANDSET WILL NOT RING ON AN INCOMING CALL WHEN SET TO THE BATTERY SAVE MODE.

Redialing a Number



If the line is busy when you call someone, or you want to call someone you just called, there is no need to dial the number again manually. The REDIAL button automatically redials the most recently dialed number.

1 Press TALK.

2 Press REDIAL/PAUSE instead of dialing the number.

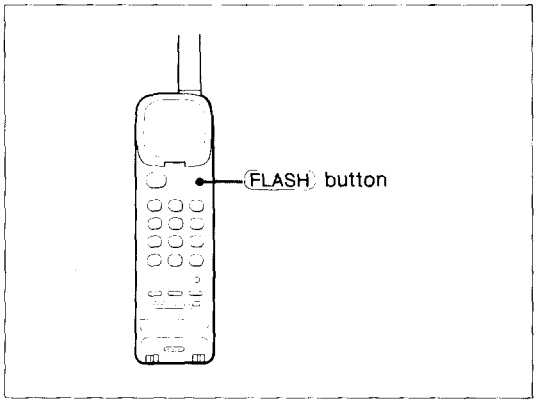
Note

You can redial a phone number of up to 32 digits.

To keep the last number dialed confidential

Press REDIAL/PAUSE twice as soon as the call is over. This will erase the redial memory.

Using Call Waiting (FLASH feature)

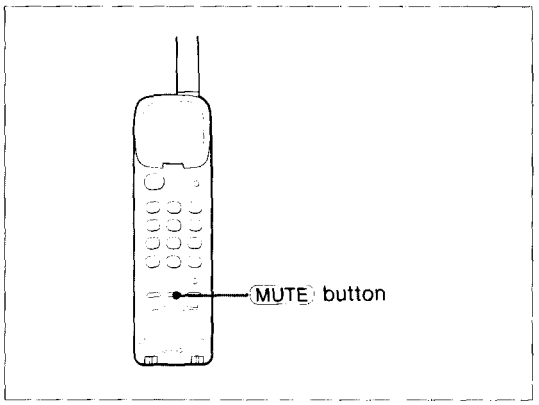


If you subscribe to "call waiting service", press FLASH to switch from one party to the other.

Note

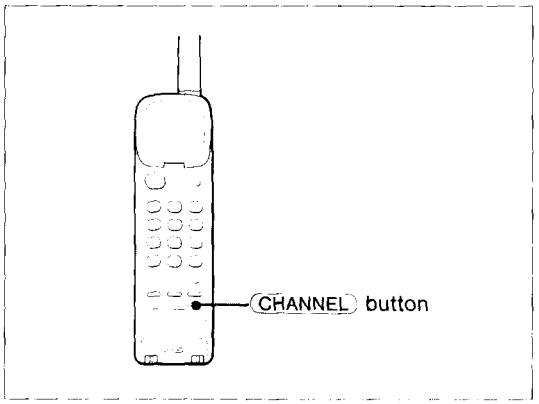
If you do not have this service, the line will be disconnected when FLASH is pressed.

Putting a Call on Mute



Press MUTE. The multi-indicator lamp flashes slowly. To resume conversation, press MUTE again.
You can hear the other party but the other party cannot hear you.

Changing Channels for Better Reception

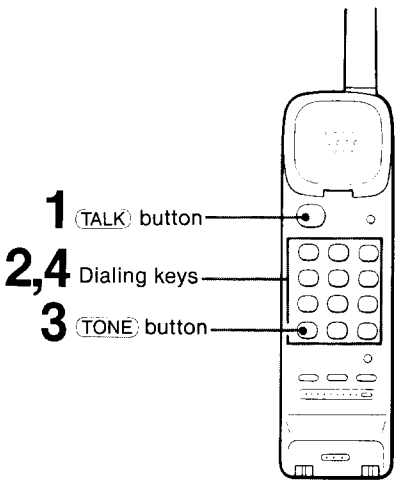


When you hear interference noise during conversation on the handset, bring the handset closer to the base unit.

If interference still persists, press CHANNEL of the handset to select an alternative channel.

Note

If you change the channel when the handset is far from the base unit, the line may be disconnected. In this case, place the handset on the base unit with the handset in the RING ON mode.



Some services, such as MCI, Sprint and other "alternative long-distance" companies, may require the distinct tones generated by a push-button (tone-type) phone. If you have a pulse-dial service type, you can still access these services through a process called "mixed dialing".

1 Press TALK.

2 Dial the access number of the service you want to use.

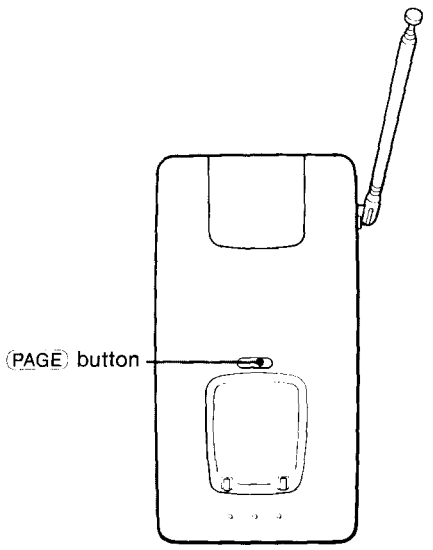
3 After you are connected to the service, press TONE. (This switches your phone temporarily to emit tone signals.)

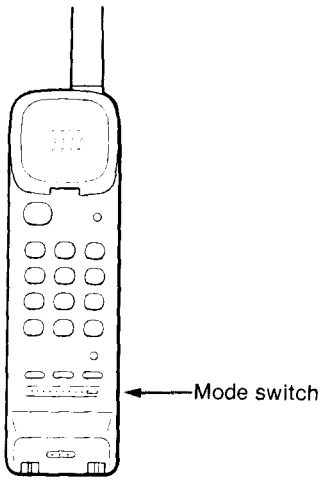
4 Dial the long-distance number when instructed by the long-distance company.

Notes

- The above procedure is a typical example. Actual sequences will vary according to the service you are using.
- The tone mode is cancelled when you press TALK. You must press TONE each time you use "mixed dialing".

PAGE butt





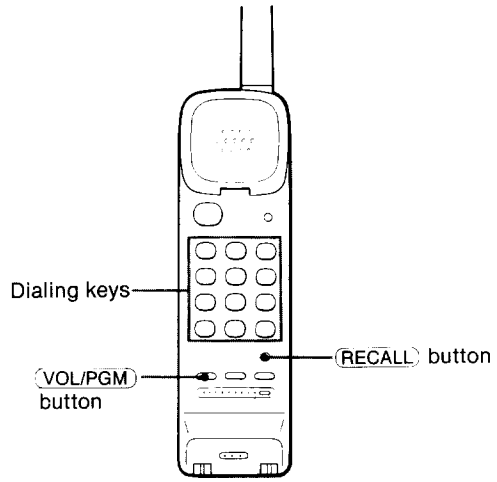
To Call the Handset from the Base Unit

The mode switch on the handset must be set to RING ON.

1 Press PAGE on the base unit.

2 The handset rings.
If you keep PAGE pressed, the handset continues to ring until you release the button.

Note
Paging is not possible when the handset is engaged in conversation.



You can also program 10 numbers into memory for speed dialing (0 – 9).
You can also save the redialed number into memory, which is useful when you want to redial the number after dialing a different number.

Note

You can program a phone number of up to 16 digits for each speed dialing location. (A TONE and REDIAL/PAUSE will each be counted as one digit.)

Programming Numbers

1 Press VOL/PGM.
One of the multi-indicator lamps will flash slowly.

2 Press RECALL and the dialing key (0 to 9) for speed dialing.
You will hear a confirmation beep and the multi-indicator lamps will go off.

3 Dial the phone number you wish to progam.
The corresponding multi-indicator lamp lights up one by one.

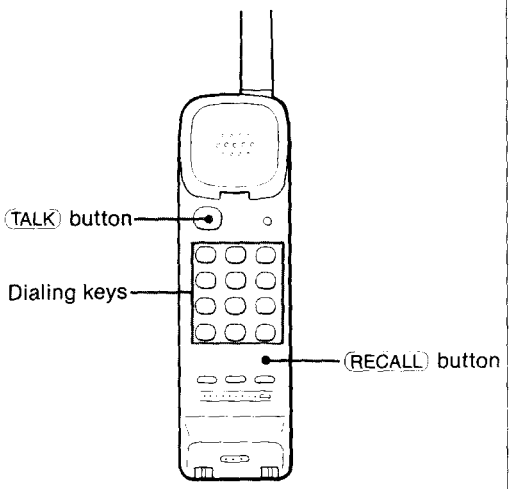
4 Press VOL/PGM again.
You will hear a long confirmation beep.

To change a programmed number

Program a new number using the procedure above. The old number will be erased automatically.

Notes

- If you enter a number that exceeds 16 digits, an alarm will sound. Go back to step 1.
- Do not let more than 20 seconds elapse between any two steps of the programming procedure.
- If you enter a wrong number, press VOL/PGM first and then go back to step 1.



Making Calls through Speed Dialing

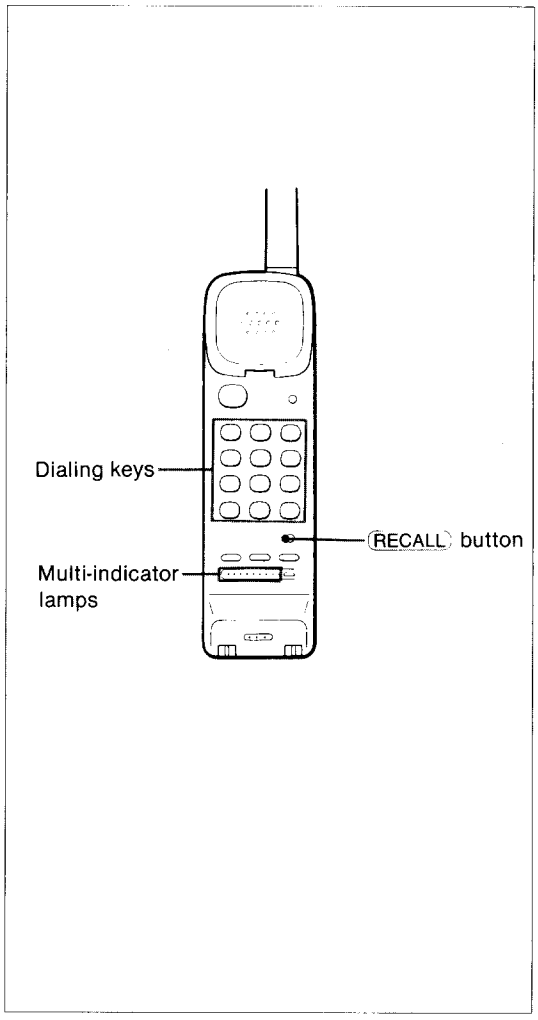
1 Press TALK.
The multi-indicator lamps scan. Wait until the lamps stop scanning. Confirm the dial tone.

2 Press RECALL.

3 Press the memory key (0 to 9) for the desired phone number.

Note

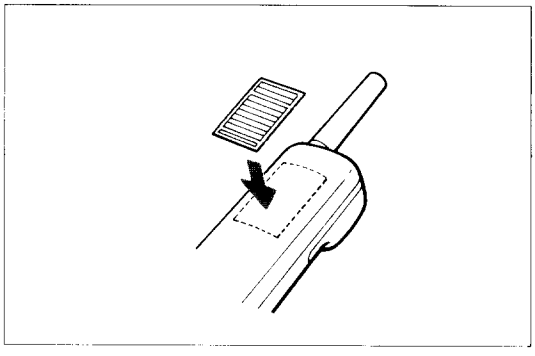
If you press a key without a phone number programmed, five short error beeps will sound.



Confirming Phone Number Programmed into Speed Dialing Memory

1 Press (RECALL).

2 Press the dialing key for speed dialing memory which you wish to confirm.
The multi-indicator lamps corresponding to the programmed digits light up one by one.



To keep a directory of what you programmed
Write down the name of the person or place whose number you have programmed on the supplied code table and stick it on the rear of the handset.

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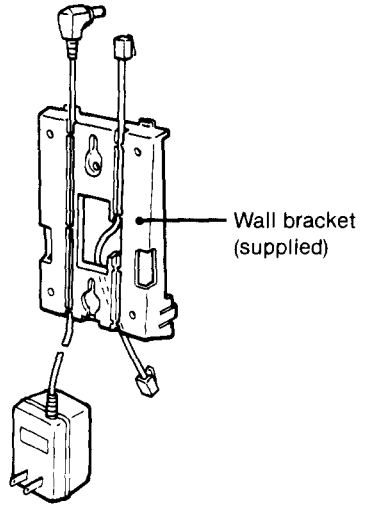
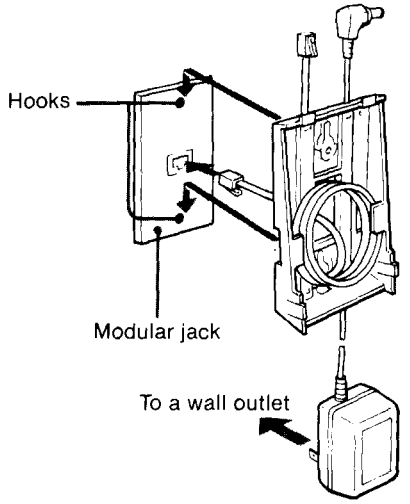
Mounting Your Phone on the Wall

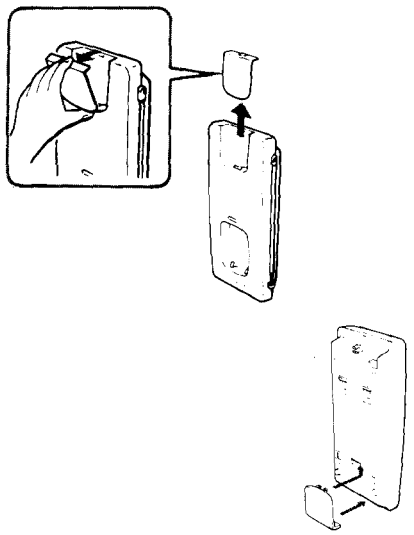
1 Attach the AC adaptor cord and the telephone line cord to the wall bracket.



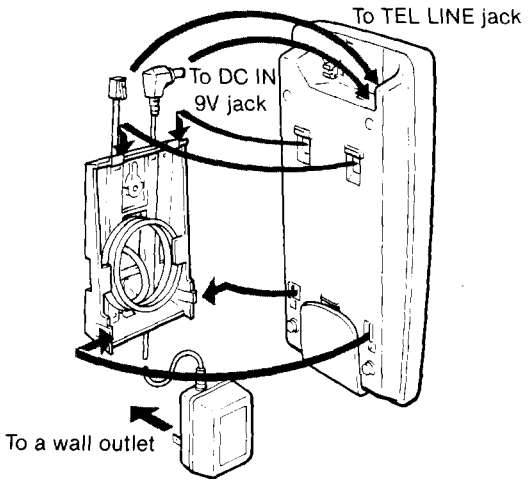
2 Hook the bracket to the modular jack.



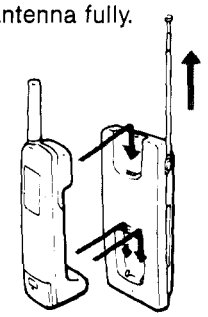
3 Remove the cover for the handset holder, and attach it to the rear of the base unit.



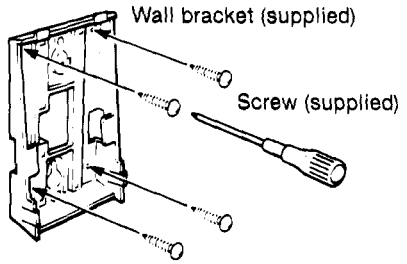
4 Align the installation hooks with the slots on the wall bracket. Insert the phone in the bracket and push down.



5 Replace the handset on the base unit. Extend the antenna fully.



In step 2, if you cannot hook the bracket, attach it directly to the wall. Use the supplied screws.



General

Frequency control	Crystal-controlled PLL
Operation mode	FM, duplex
Operating frequency	46 MHz/10 channel 49 MHz/10 channel
Supplied accessories	AC power adaptor (AC-T37) (1) Telephone line cord (1) Rechargeable battery pack (BP-T40) (1) Wall bracket and screws (1 set) Code table (1 sheet)

Handset

Power source	Rechargeable battery pack
Battery duration	Approx. 7 days at RING ON mode Approx. 2 months at BATTERY SAVE mode
Dimensions	Approx. 58 × 201 × 70 mm (w/h/d) antenna excluded (Approx. 2 1/4 × 8 × 2 3/4 inches) Antenna: 72mm (2 3/4 inches)
Weight	Approx. 315g battery included (Approx. 11 1/8 oz)

Base Unit

Power source	DC 9V from AC power adaptor
Dimensions	Approx. 118 × 37 × 229 mm (w/h/d) antenna excluded (Approx. 4 3/4 × 1 1/2 × 9 inches)
Weight	Approx. 353g (Approx. 12 1/2 oz)

Design and specifications are subject to change without notice.

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SERVICE REQUIREMENTS

If your cordless telephone model should malfunction, all repairs will be performed by an authorized Sony Service Center. This unit has been registered within the FCC for direct connection to the telephone network. Under the FCC program, no customer is authorized to repair this unit. This applies to a unit in and out of warranty. If an unauthorized repair is performed, the registration of the unit for direct connection to the network will be null and void. If the unit is still in warranty, the remainder of the warranty period will also be null and void. It is responsibility of users requiring service to report the need for service to their Sony dealer.

IMPORTANT INSTRUCTIONS TO USERS

Your cordless telephone has been approved by the Federal Communications Commission (FCC) as not being harmful to the telephone network when connected directly to the telephone lines. In order to fully comply with the Rules of the FCC, the following instructions should be read carefully and followed completely where applicable:

1 The FCC rules require that all direct connection to the telephone lines must be made through standard plugs and jacks. No connection can be made to party lines or coin lines. Prior to connecting your device to the lines:

a) Upon request from your telephone company, you must provide the 14 digit FCC Registration Number and Ringer Equivalence Number, both of which are on a label located on an outer surface of the device.

b) After the telephone company has installed the jack, you can connect your cordless telephone by inserting the mating plug of your equipment into this jack.

c) All repairs must be accomplished as described in the "Service requirements".

d) The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your number is called. In most, but not all areas, the sum of the RENs of all devices should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should call your local telephone company to determine the maximum REN for your calling area.

2. If it appears that your cordless telephone is malfunctioning, it should be disconnected from the telephone line until it can be determined whether your cordless telephone is the source of the trouble or not. If your machine needs repair, it should not be reconnected until such repairs have been made.

3 If hum does occur, the telephone company shall, where practicable, notify you, the customer, that temporary discontinuance of service may be required; however, where prior notice is not practical, the telephone company may temporarily discontinue service forthwith, if such action is reasonable in circumstances. In case of such temporary discontinuance, the telephone company shall (1) promptly notify you, the customer, of such temporary discontinuance (2) afford you, the customer, the opportunity to correct the situation which gave rise to the temporary discontinuance, and (3) inform you, the customer, of your right to bring a complaint to the Commission pursuant to the procedures set forth in the Rules. Procedures for filling the complaints can be obtained from your local dealer, or if necessary, by writing directly to the manufacturer.

IMPORTANT NOTICE

Warning: This telephone operates as a radio transmitter. Conversations over this cordless telephone may be heard by others on radios within the area of its range of transmission.

Problem	Cause and/or remedy
Two of the multi-indicator lamps at far left flash and go off with five short beeps when TALK is pressed.	• Extend the antenna vertically (see page 9). • The handset is too far from the base unit. • Place the base unit away from noise sources. • The handset battery may be weak. Charge the battery by placing the handset on the base unit for more than 10 hours (see page 11). • The digital security code may have been erased. To reprogram, place the handset on the base unit with the handset in the RING ON mode (see page 13).
Interference noise is heard.	• The handset is too far from the base unit. • Radio signals can cause interference. Press CHANNEL on the handset (see page 17). • Place the base unit away from noise sources.
Five short beeps sound when you dial the phone number.	• The handset is too far from the base unit. Place the base unit away from noise sources.
The handset does not ring.	• The handset battery may be weak. Charge the battery on the base unit for more than 10 hours (see page 11). • Set the mode switch on the handset to RING ON (see page 15). • Extend the base unit antenna vertically (see page 9). • The handset is too far from the base unit. • Place the base unit away from noise sources. • The digital security code may have been erased. To reprogram, place the handset on the base unit with the handset in the RINGER ON mode (see page 13).
No dial tone	• Plug the telephone line cord securely into the telephone line jack. • The handset battery may be weak or completely discharged. Charge the battery on the base unit for more than 10 hours (see page 11).
You are connected to the wrong number, or not connected at all, even though you dialed correctly.	• Check if the DIAL MODE selector setting is correct (see page 10).
The redialing function does not operate.	• Check if the last number you dialed was more than 32 digits long. • Check if the number you intended to call was really the last number you dialed.
The speed dialing function does not operate.	• Check if there is a phone number correctly programmed for the speed dialing location you pressed (see page 22).
You cannot program a phone number (an alarm tone sounds).	• Recheck to follow the programming procedures correctly (see page 20). • Check if a phone number programmed is more than 16 digits long.

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Problem	Cause and/or remedy
The handset does not ring when calling from the base unit.	• The handset battery may be weak. Charge the battery on the base unit for more than 10 hours (see page 11). • Extend the antenna vertically (see page 9). • The handset is too far from the base unit. • Place the base unit away from noise sources. • Make sure that the mode switch on the handset is set to RING ON (see page 15).
An alarm sounds every second during conversation.	It is an out-of-range alarm. Place the handset closer to the base unit within 15 seconds (see page 14).
An alarm sounds every 3 seconds.	• The handset battery becomes weak (see page 12).
You cannot make a call.	• The digital security code may have been erased. Or the channels of the handset and the base unit are not same. To program, place the handset on the base unit with the handset in the RING ON mode (page 13).

Cordless Telephone

SPP-75

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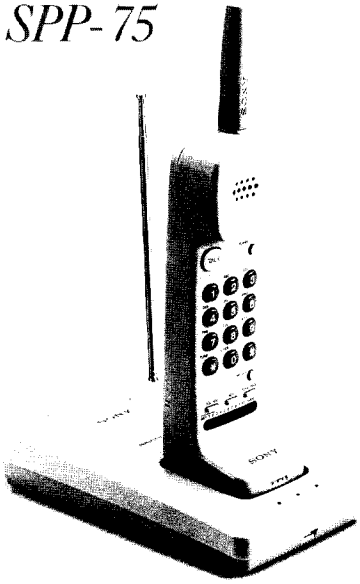

TELECOMMUNICATIONS HELPLINE
(201) 391-6111

PLEASE CALL US WITH YOUR QUESTIONS AND COMMENTS ON SONY TELEPHONE PRODUCTS.

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